

[EXECUTIVE DOCUMENT No. 11.]

NINTH ANNUAL REPORT

OF THE

BOARD OF TRUSTEES AND OFFICERS

OF THE

MINNESOTA HOSPITAL FOR INSANE,

(LOCATED AT ST. PETER.)

TO THE

GOVERNOR OF THE STATE OF MINNESOTA,

FOR THE FISCAL YEAR ENDING NOV. 30, 1875.

TRANSMITTED TO THE LEGISLATURE OF THE EIGHTEENTH ANNUAL
SESSION, 1876.

ST. PAUL:
PIONEER-PRESS COMPANY.
1876.

MINNESOTA HOSPITAL FOR INSANE.

BOARD OF TRUSTEES.

HON. C. T. BROWN, St. Peter, President.
HON. H. B. STRAIT, Shakopee.
HON. WILLIAM SCHIMMEL, St. Peter.
REV. A. H. KERR, St. Peter, Secretary and Treasurer.
HON. LOREN FLETCHER, Minneapolis.
HON. FREEMAN TALBOTT, Cleveland.
NATHANIEL S. TEFFT, M. D., Plainview.

RESIDENT OFFICERS.

CYRUS K. BARTLETT, M. D.,
Superintendent and Physician.
JACOB E. BOWERS, M. D.,
Assistant Physician.
GEORGE W. DRYER,
Steward.

SUBORDINATE OFFICERS.

FRANCIS DUNN,
Supervisor Male Department.
EVALINE DUNN,
Supervisor Female Department.
WILLIAM H. PEARCE,
Engineer.
WILLIAM McFADDEN,
Farmer.

TRUSTEES' REPORT.

His Excellency, C. K. Davis, Governor of Minnesota:

We herewith present our ninth annual report as trustees of the Minnesota Hospital for Insane.

As the guardians of this great State charity, it is with peculiar pleasure we report that the Hospital buildings, gradually going up for the past eight years, are so nearly completed that we regard the last appropriation sufficient to finish them, entire, and secure, also, all the needed improvements. The State has generously provided for this afflicted class of our citizens and, as a result, there stands a noble structure, capable of accommodating about 500 persons, beautifully located, and with appointments all of which, we think, will challenge comparison with any similar institution in the land. We have sought to erect a solid, substantial, and thoroughly equipped Hospital, with the recent and most approved appliances for comfort, safety, and sanitary purposes. We have not aimed at expensive architectural display but, rather, at permanency, fitness, and the necessities of the insane. The location has been peculiarly favorable for securing the heavy and most expensive materials of this structure, abundance of pure water and ease of access.

And now with our completed buildings filled with patients almost as rapidly as accommodations could be provided, we urgently recommend the Legislature to inaugurate plans for the future. To this end we invite the special attention of the Executive and our public men to the suggestions of Supt. Dr. C. K. Bartlett, in his report, bearing on this subject and as we heartily endorse them we need not add thereto.

During the year, 569 different patients have been the recipients of the benefits of this Institution, and we commence the new year with 434 patients under treatment.

For the ensuing year we ask only for the necessary current expenses. This, estimated at the usual ratio of increase, gives us an average daily attendance of 461, and at \$3.75 per week for each patient, amounts to \$89,895.00. This is twenty-five cents less per week for each than the estimate of last year, and includes any extraordinary expenses that may occur, salaries of officers and attendants, all repairs, fuel, clothing, medicines, refurnishing of bedding and furniture, and all table supplies. By the Treasurer's statement, however, we have a surplus sufficient to warrant us in reducing this amount more than \$6,000. We, therefore, respectfully ask an appropriation of \$83,500.00 for current expenses for the year 1876.

For the main expenditures of the year in building operations, we refer you to the report of the building committee.

The Treasurer in his report presents the condition of the finances. We are gratified that a sufficient amount is unexpended, of current funds, to carry us through the expensive winter months.

Our temporary buildings in the city have become in a great measure unfit for occupancy, and we propose in a short time to abandon them entirely, unless the State should otherwise order. In that event, they must be completely overhauled, and at considerable expense.

Dr. A. Reynolds, Superintendent of the Iowa Hospital for Insane at Independence, being present at our December meeting, was requested to accompany the Board in their quarterly inspection. We append his report, feeling that the impressions of such visitors are public property. Besides quarterly, we have also monthly visitations of the inspection, the committee being usually accompanied by some citizen of the State invited for this purpose. Reports of these visitations are placed upon record. We cordially invite our State officials, public and professional men, to visit this Institution, and carefully inspect its administration, its appointments, and its necessities, too.

Thankful for the past success of this Institution, we commend it to the sympathy of a generous public, and the cordial support of our State authorities.

C. T. BROWN,
A. H. KERR,
WM. SCHIMMEL.
H. B. STRAIT,
L. FLETCHER,
N. S. TEFT,
FREEMAN TALBOTT,

Trustees.

REPORT OF DR. A. REYNOLDS.

In the company of the Board of Trustees, Dr. Bartlett, the superintendent, Dr. Bowers, assistant physician, and Mr. Dryer, steward, I visited all the wards of the Hospital, and while finding everything in uniformly good order, desire to speak particularly of the absence of excitement and turbulence on the part of the patients and the marked gentleness and attention of the attendants.

The patients were all neatly and plainly dressed, very little disarrangement of the clothing, so common in disturbed wards. I was particularly struck with seeing so few under mechanical restraint, two in camisole and two or three with wristers and body-belt, the simplest and least irritating of any restraint, not excepting seclusion or holding by an attendant. I am surprised that good female attendants can be secured for the sum paid, which is much less than in most similar institutions in the country. The wards were well ventilated and warmed. We also visited the store-rooms, kitchen, bakery and laundry, finding uniform system, neatness and dispatch, in each of those departments. I was particularly interested in the apparatus and process of manufacture of gas, which appears to be the best possible for an institution of this character. The location of the building, comprising those prime necessities—healthfulness of situation, facility of access and, last but not least, an abundance of pure water, shows conclusively that those having the matter in charge were guided by good judgment, impelled by good motives.

When the character of the material and the manner of construction of the building is considered, it is true that no State Hospital for the Insane has been constructed at so low a cost per capita, as the Minnesota Hospital for the Insane.

A. REYNOLDS,
Supt. Iowa State Hospital for Insane,
Independence, Iowa.

Dec. 1875.

REPORT OF BUILDING COMMITTEE.

To the Board of Trustees:

GENTLEMEN:—Your committee on building beg leave to submit the following report:

The extension of the north wing, and the east addition, completing the permanent hospital building, according to plans, being ready for plastering at the date of our last report, in December, 1874, the work of finishing the same and preparing it for occupancy was divided, for convenience, into four separate classes, viz.: Plastering, carpenter work, painting, and plumbing and heating apparatus—and proposals for doing the work in this manner were invited from builders by advertising, according to law. On the 14th day of April, the bids were opened by the Board, and Mr. R. Roberts, of Mankato, being the lowest bidder for plastering, the contract was given to him at twenty-five cents per yard, the contractor finding all materials.

The lowest bid for the carpenter work was made by Henry Camehe, of St. Peter; but on account of the terms of payment made necessary by notice from the State Treasurer, concerning the fund for building purposes, he declined to enter into contract, having made his estimates on a cash basis. The next lowest bid for the same work, was offered by Patow & Borneman, of St. Peter, and they having given the required bonds, received the contract for \$5,725, finding all materials except the hard flooring.

The painting was awarded to Mr. W. O. Powell, of St. Peter, for \$599, he finding all materials.

The contract for plumbing and heating apparatus was given to Samuel I. Pope & Co., of Chicago, Ill., for \$4,180, they finding all materials.

The first and last contracts have been completed, and the second and third partly, and the work is now going forward. The whole was to be finished by the first of November, but your committee did not desire the finishing wood-work to go in too soon after the

plastering was done, and before the walls and joists were thoroughly dry, and the time allowed, from the fifteenth of September, when the plastering was completed, to the first of November, was not sufficient to complete all the work in good order.

Your committee feel that the work of the several contracts, under the constant supervision of Mr. B. R. Damren, of St. Peter, who is familiar with the work required, will compare favorably with the rest of the building.

Your Board, at their meeting in June, authorized this committee to build a suitable gas-house; having contracted with Mr. A. C. Rand, of Minneapolis, to put in the necessary apparatus for manufacturing gas for lighting purposes, for \$3,800, and a successful operation guaranteed before any payment was required. The committee employed Mr. Harry Downs, with necessary assistants, to erect the house, which is 38 x 30 feet and 13 feet high above the water table, with tinned roof. It is located north of the boiler house and though joining is really a distinct building. It is now completed and the gas apparatus in successful operation. For a further description of which we refer you to the report of the Superintendent. The house is built of stone and lined with brick, with dead air space, and cost \$1,500.

The contract for furnishing the gas fixtures throughout the hospital was given to Mr. James L. Spink, of Minneapolis. The fixtures are made by Cornelius & Sons, of Philadelphia, Pa. They are not yet completed, but the cost will be about \$1,500.

The reservoir at the spring for water supply has been enlarged to double its former capacity, and a second steam force pump, called the "Atlas," and manufactured by Smith, Veile & Co., of Dayton, Ohio, purchased—the cost of these two items being \$803.05.

The main sewer has been extended north to the new addition, and the area walls south of the laundry and boiler house completed. These were all necessary expenses, and could not be longer delayed.

We hope and trust our action will be approved.

Respectfully submitted.

C. K. BARTLETT,
A. H. KERR,
WM. SCHIMMEL,
L. FLETCHER,
C. T. BROWN,
F. TALBOTT,

Building Committee.

Dec. 1, 1875.

TREASURER'S REPORT.

Trustees Minnesota Hospital for Insane:

GENELEMEN:—Herewith you will find a statement of receipts and expenditures for the fiscal year ending November 30, 1875.

Receipts.

Cash—Setting registers for contractors, by H. Downs, while Building Superintendent.....	\$117 00
Cash—State Treasury.....	30,800 00
	\$30,917 00

Expenditures.

Printing and advertising.....	\$69 50
Completion of central portico.....	450 96
On oak flooring contract.....	1,000 00
Drains and sewers.....	660 89
Work on center building.....	60 72
Enlargement of reservoir.....	277 55
Expenses building committee, and treasurer's salary.....	884 00
Plastering north section and return.....	3,279 72
Stone steps, flagging and painting connections.....	425 56
On carpenter contract.....	4,950 00
Materials and superintendence of carpenter work.....	423 89
Registers for north section and return.....	810 64
New boiler, masonry and ceiling boiler room.....	2,280 00
On contract for steam fitting, plumbing, and gas pipes.....	3,469 00
Pipes and fittings to connect boiler house with extreme wings...	828 47
Gas house.....	1,500 00
On gas works contract.....	68 26
On painting contract, north section and return.....	150 00

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Flagging, store rooms.....	140 81
Superintendent of buildings.....	265 00
Area walls and stone steps.....	623 51
Treasurer's petty account.....	36 50
Returned to current fund.....	8,036 45
Cash to balance.....	780 14
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	\$30,917 00

CURRENT FUND.

Receipts.

Cash, December 1st, 1874.....	\$439 64
Cash, State treasury, balance of 1874.....	18,000 00
Cash, State treasury, 1875.....	67,500 00
Cash, returned to current fund.....	8,036 45
Cash, board for private patients.....	\$76 70
Cash, Steward's Receipts, as follows:	
Cash, refunded from building fund, for freight on steam boilers.....	125 48
Cash, refunded, overcharge freight on range.....	13 50
Cash, farm stock, hides, tallow, etc., sold.....	453 07
Cash, old mower sold, (part payment).....	25 00
Cash, old steam boiler sold.....	150 00
Cash, fire brick, cement, iron pipe, etc., sold.....	43 11
Cash, clothing sold.....	20 00
Cash, sundries sold.....	36 00
	<hr/>
	1,052 92
	<hr/>
	\$95,029 01

Expenditures.

Monthly current expenditures paid on certified vouchers.....	\$76,812 52
Cash to balance.....	18,216 49
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	\$95,029 01

Besides the balance on hand there is still to our credit, in the State Treasury, \$19,500. This is sufficient to carry us through the winter months; also to furnish the north section and return which will soon be ready for occupancy and will take about \$4,000 and leave some \$6,000 (see trustees' report) to apply on the expenses of the ensuing year. We need to our credit, at the close of the

fiscal year, from \$25,000 to \$28,000 to meet our payments promptly before a new appropriation becomes available. In the Steward's report you will find the expenditures, under appropriate headings, carried out as minutely as practicable for a report.

Respectfully submitted,

A. H. KERR,
Treasurer.

MINNESOTA HOSPITAL FOR INSANE,
Dec. 15th, 1875.

Gentlemen :

Your committee on finance have this day examined the books and vouchers of the Treasurer and Steward of the Hospital for Insane for the year ending Nov. 30, 1875, and find the same correct.

Respectfully,

C. T. BROWN,
WM. SCHIMMEL,
FREEMAN TALBOTT,
Finance Committee.

STEWARD'S REPORT.

To the Trustees of the Minnesota Hospital for Insane:

GENTLEMEN:—Herewith is respectfully submitted a report of the Steward's department for the year ending Nov. 30, 1875:

Disbursements.

For additions, alterations, and repairs.....	2,757 42
For attendants, assistants, and labor.....	12,147 09
For books, stationery and printing.....	285 95
For chapel (religious services in).....	250 00
For clothing.....	5,059 56
For farm, barn, garden and grounds.....	4,052 56
For freight and expressage.....	790 31
For fuel and heating.....	9,897 35
For furniture.....	3,190 59
For furnishing center building.....	378 02
For furnishing second section, south wing.....	1,029 42
For furnishing second section, north wing.....	1,065 30
For gas (coke and naphtha).....	282 18
For library and amusements.....	630 82
For lights and oil lamps.....	307 18
For medicine and medical supplies.....	548 79
For miscellaneous expenses.....	1,195 20
For officers' salaries.....	4,850 00
For patients' miscellaneous expenses.....	524 18
For provisions and household supplies.....	27,049 81
For steward's petty expenses.....	351 76
For rent.....	169 03

\$76,812 52

Note.—The item, “farm, barn, garden and grounds,” is detailed as follows :

For labor.....	\$1,860 41
For stock.....	805 00
For hay, oats and feed.....	430 85
For implements and repairs to same.....	370 42
For seeds.....	140 56
For fencing.....	142 02
For harness, robe, blankets and repairs to same.....	132 20
For shoeing horses and oxen.....	124 45
For trees, fruit and ornamental.....	33 65
For straw.....	11 00
For surveying meadow.....	2 00
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	\$4,052 56

The item, “fuel and heating,” is detailed as follows :

For wood (2,757 cords).....	\$7,817 68
For coal (70½ tons).....	798 90
For charcoal.....	29 10
For steam fitting and plumbing supplies for extension of and general repairs to heating apparatus and water supply.....	968 27
For steam pump at springs (see Superintendent's report).....	525 50
For fire brick and clay, bolts, rods, etc., for boilers.....	106 25
For boiler scale preventive.....	61 25
For lubricating oils.....	45 97
For stoves and pipe (temporary hospital).....	44 48
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	\$9,897 84

“Attendants, assistants and labor,” includes wages of supervisors, engineer, firemen, bakers, cooks, watchmen, seamstresses and attendants.

“Furniture,” includes beds and bedding, crockery, and all other kinds of household furniture required for increase of patients and to replace that worn out and destroyed.

“Furnishing centre building,” and “Furnishing second section south wing,” includes additional furniture required for those parts of the house, respectively, and paid for from balance of the legislative appropriation for that purpose, unexpended at close of last year.

“Furnishing second section, north wing,” is for material for beds dining purchased for that part now nearly ready for occupancy.

"Miscellaneous expenses," includes traveling expenses of Trustees and other officers, fees for legal services, four Babcock fire extinguishers, and other items that cannot properly be otherwise classified.

"Patients' miscellaneous expenses," includes undertakers' charges and cash to discharged patients.

"Rent," is for taxes on town lots and land used for hospital purposes.

"Steward's petty expenses," includes postage, telegrams, and small purchases not exceeding five dollars in amount.

The farm and garden products are shown in the annexed list. Though suffering considerably from the locust scourge the yield is fully equal to that of former years. The values affixed are estimated at average market prices:

Asparagus, 1,000 bunches.....	\$100 00
Beans, (dry) 6 bushels.....	13 50
Beans, (green) 25 bushels.....	25 00
Celery, 400 heads.....	40 00
Corn, (shelled) 1,600 bushels.....	640 00
Corn stalks, 60 tons.....	150 00
Cucumbers, 33 bushels.....	33 00
Crab apples, 4 bushels.....	4 00
Hay, (wild) 80 tons.....	480 00
Hay, (timothy and clover) 10 tons.....	80 00
Lettuce, ten bushels.....	7 50
Milk, 51,220 quarts.....	2,561 00
Onions, 6 bushels.....	7 50
Oyster plant, 5 bushels.....	5 00
Peas, (dry) 25 bushels.....	50 00
Peas, (green) 50 bushels.....	75 00
Pieplant, 500 bunches.....	50 00
Potatoes, (Irish) 6,100 bushels.....	1,220 00
Potatoes, (sweet) 10 bushels.....	20 00
Pumpkins, 500.....	165 00
Raspberries, 48 quarts.....	7 20
Strawberries, 96 quarts.....	14 40
Squash, (summer) 60 bushels.....	45 00
Squash, (winter) 600.....	48 00
Tomatoes, 117 bushels.....	117 00
Turnips, 350 bushels.....	87 50

\$6,045 60

Value of beef slaughtered for use of house (7,405 pounds).....	370 25
Value of pork slaughtered for use of house (11,720 pounds).....	761 80
Amount received from sale of stock, hides, tallow and plants....	453 07

Aside from cultivation and harvesting of crops, care of stock, and ordinary farm improvements, the patients, assisted by the farm laborers and teams, under the supervision of the farmer, have employed their time in grading about the buildings, making roads, excavating for gas-house, enlarging reservoir at springs, etc., as follows:

Labor of men.....	975 days
Labor of teams.....	179 days

This is exclusive of cutting and storing the ice crop (about 100 tons) and the drayage of supplies, fuel and building material.

The farm stock consists of five horses, two yokes of oxen, one bull, twenty-one cows, six heifers four calves and fifty-five pigs.

The following is a carefully compiled inventory of hospital property of all descriptions on hand at this date, Nov. 30, 1875:

Permanent hospital building, consisting of center building, two sections and return wings south, one section and return wing north complete, second section and return wing north nearly completed; laundry, engine house, water supply, including steam boiler and pumps and wind engine, drainage, heating apparatus, gas house and gas machines, steam wash machines, steam cooking apparatus, bath tubs, cars and railway for transporting food.....	\$483,250 00
Temporary hospital buildings, consisting of one three-story stone building, 60x32 feet, with two-story L, 60x25 feet, and one two-story frame building, 96x34 feet, with heating apparatus for both, one-story frame office building, one frame barn, 25x35 feet, ice house, and six building lots, (at cost).....	13,850 00
Farm, 348 acres.....	12,400 00
Farm stock and implements, including buggies, cutters, robes, blankets, &c.....	4,345 00
One three-story frame barn, 44x72 feet, with granary attached, 14x90 feet.....	7,000 00
Household furniture, of all kinds.....	26,171 00
Medicine and medical supplies, surgical instruments, &c.....	700 00
Library and cabinet, consisting of medical and miscellaneous books, engravings, chromos, stereoscopes and views, magic lantern and views, stuffed birds, games, musical instruments, &c.....	1,775 00

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Clothing and material for clothing.....	1,119 12
Provisions and supplies, consisting of groceries, vegetables, butter, wood, hay, oats, building material, steam fitting supplies, &c.....	13,140 65
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	\$563,251 69

Respectfully submitted.

GEORGE W. DRYER, Steward.

REPORT OF SUPERINTENDENT.

To the Board of Trustees :

GENTLEMEN :—Again it becomes my duty to report to you a summary of the history of this hospital for another year. So far as you are personally concerned this would be unnecessary, as your regular meetings and frequent investigations have made you familiar with the details of business and general administration, but custom and statute law unite in this judicious public requirement, whether the facts and progress of our work are pleasant and satisfactory or not. The institution exists as an outgrowth of the feelings of the people, and it is right to inform them of its condition and wants, that they may have such an interest in its welfare as to cherish and support it in a proper manner. Although we have not accomplished all we desired or hoped for at the beginning of the year, still the measure of success granted, and the escape from serious ills vouchsafed, by a kind Providence, challenge our sincere gratitude. A large addition to our number was anticipated, as the rapid growth of our State, in the past, led us to expect, and in this we have not been mistaken ; but no proper subject has been rejected for want of room, although the department for males has been overcrowded and will be until the opening of the new portion of the north wing, now being prepared. When this is completed Minnesota will stand in the front rank of States making ample provision for the care and treatment of the insane ; a worthy record for this young but vigorous State. It is now only ten years since the first appropriation was made for the support and accommodation of this unfortunate class of persons within our own boundaries, and the result is highly creditable to the philanthropic and liberal spirit of the people. A first-class building in all its appointments has been erected, and mostly paid for from the yearly revenues, and its cur-

rent expenses promptly met without a murmur of complaint from any intelligent or humane person. No step has been taken backward, and I trust none will ever be advocated by the most ardent advisor of retrenchment.

This is a charitable institution, but it is prepared for all, rich or poor, who may find it necessary to seek its aid. Its base is broad as the State, and its relief is freely offered.

The general statistics of the patients, for the year 1875, are as follows

	Men.	Women.	Total.
Whole number December 1st, 1874.....	208	173	381
Number admitted during the year.....	106	82	188
Number under treatment.....	314	235	569
Number discharged (including deaths).....	75	60	135
Number remaining November 30th, 1875.....	239	195	434
Daily average throughout the year.....	413	247	365

Five of the above, four men and one woman, have been admitted since the 25th of August, as private boarders, from Dakota Territory, under the arrangement made by you through the Governors of our State and that Territory.

CONDITION OF THOSE DISCHARGED.

	Men.	Women.	Total.
Recovered.....	36	30	66
Improved.....	20	16	36
Unimproved.....	3	3	6
Died.....	16	11	27
	<hr/> 75	<hr/> 60	<hr/> 135

One hundred and two patients have been returned to their friends recovered and improved during the year.

CAUSES OF DEATH.

	Men.	Women.	Total
Epilepsy.....	4	4	8
Marasmus.....	3	2	5
Paralysis.....	1	1	2
Phthisis.....	2	0	2
Maniacal exhaustion.....	1	2	3
Apoplexy.....	1	0	1

Pneumonia.....	1	1	2
Paresis.....	1	0	1
Suicide.....	1	0	1
Hæmorrhæge, accidental.....	1	0	1
Typhomania.....	0	1	1
	<hr/>	<hr/>	<hr/>
	16	11	27

The general health of the inmates has been excellent, and most of the deaths occurred among chronic cases and those who had been residents of the hospital for some years.

It will be seen by the above statistics that the number has increased, during the past year, fifty-three, or, leaving out the five committed from Dakota Territory, forty-eight; and this is the average yearly gain for the last seven years. The growth of the State, and the cases derived from the present population will warrant the prediction that the number will not be less in years to come. The question of *future provision* is then near at hand, as the hygienic capacity of this hospital will be reached the present year, if the temporary buildings are entirely abandoned. Five hundred patients, with the necessary attendants, congregated in one house, and on one farm, constitute as large a family as desirable for suitable classification, provision and treatment. Some years ago the Association of Medical Superintendents of Hospitals for Insane recommended two hundred and fifty as the most proper number for a hospital, and some years later an amendment was made, that the number might, under some circumstances, be five hundred. But the latter opinion was probably expressed more in favor of economy than for the best interest of the patients to be treated.

How, then, must the future necessity be met? The plan of separate institutions for the chronic and acute cases, or, as generally expressed, *incurable* and *curable* subjects, has been advocated, and in some instances adopted, under the impression that a saving might be made in the cost of support, by providing cheap lodgings for the chronic insane. The scheme, I believe, unwise, impracticable, and inexpedient, and the final result, wherever tried, a failure; *unwise*, as we cannot select the cases for each division and consign them to definite quarters, some to what may seem to them a final doom, without danger of great injustice, and, perhaps, cruel mistakes; *impracticable* from the fact that cases of both descriptions are developed in all parts of the State, and sending one to a remote section for treatment, away from accommodations for a different class, to be returned, it may be for final keeping, at great ex-

pense for transportation, would seem unnecessary and impolitic; *inexpedient*, as the cost saved by a separation in the one class would be made up by the extra *paid attendance* necessary for a class wholly acute, and the whole plan a failure from a combination of the above difficulties, and the gradual degeneration of such cheap receptacles into mere pens for the herding of patients to be supported, perhaps, eventually by the lowest bidder for the contract. Any movements in favor of such plans would fully illustrate the anecdote related by the distinguished expert in insanity, Dr. Pliny Earle, of an order given by a military officer drilling his company, "advance in a *retrograde* direction."

It is a well known fact that the friends of patients avail themselves of hospital treatment in proportion to their proximity to its doors, and that patients, remote from accommodations, are often retained at home, hoping for a favorable change, until too late to derive substantial benefit from any treatment, and then they become a permanent charge to their friends or the State. A better, and in the end a more economical plan would be to provide suitable and curative hospitals for all within reasonable distance of the centres of population. For this purpose, in this State, two central points might be selected as proper locations, and such provision made, from time to time, as necessity demands. Extensive and costly buildings need not be projected and provided at once, but suitable plans adopted, capable of extension, and completed when needed. The whole organization and preparation of these several institutions should remain under one board of trustees, to secure harmony of action and uniformity of administration.

In this connection I have been requested to call your attention to a class of patients, though not strictly belonging here, yet have been received because there seemed to be no other place for them, and the number is increasing. I allude to the idiots and young imbeciles. They have been regularly committed, not from any expectation of benefit by treatment, as that can be merely custodian, in most cases. They are generally children of poor settlers, located in thinly inhabited counties, where little or no provision has been made for the helpless poor. They are troublesome at home and at times dangerous from their violent dispositions and propensities for mischief, with fire and other agents. They must be cared for, but the insane hospital is not the best or proper place for them. Under patient teachers, accustomed to such a class of pupils, their condition can be vastly improved, and sometimes the most degraded and revolting specimens of humanity made comparatively com-

fortable and happy. What, then, can be done for these unfortunate little ones if you refuse to admit them here? If they could be collected into a family by themselves, as a school, on a farm, in a healthy location, and cared for and taught by some competent person, subject to public examination and the control of the State, the expense need not exceed the estimate now allowed for each inmate here, and the advantages to them would be greatly multiplied, and the hospital, in some degree, relieved. I make these suggestions in the hope that some action may be taken by those in authority that may result in benefit to these feeble-minded youth.

Improvements.—The most important of these is the preparation for occupancy of the addition to the north wing, occupied by male patients, which symmetrically completes the hospital building, and gives us nine distinct wards for each sex.

The introduction of *gaslight*, in place of candles, and moveable lamps filled with inflammable oil, is one of the most important improvements, adding much to our comfort as well as safety from fire, and giving a cheerful look to the halls during the long winter evenings otherwise not easily obtained. The gas is manufactured from naphtha, stored in an iron tank of 34,000 gallons capacity, a quantity sufficient for a year's supply, and located outside the building, mostly under ground, from which it is pumped as required for use. The process of making this gas is by heated retorts, and is the patent of A. C. Rand, Esq., of Minneapolis, Minn., who supplies the apparatus. His process differs from the older methods of manufacturing in the fact that the oil is not permitted to flow directly upon the inside of the retort, but first enters the vaporizing pan placed in the front end of the retort, the object of which is to first vaporize the oil, and then the vapor passing through the retort is converted into a fixed gas. This plan prevents the thick tarry matter and asphalt from stopping up the various conduits ending in the gasometer, they being held back in the pan, which can be removed and cleaned occasionally, thus preventing stoppages in the works. In the older methods, to prevent these difficulties, the retorts are kept at a low heat, so that considerable condensation may ensue as the result of said low temperature; this will wash out of the pipes the thick tarry substance, but it is a great waste of material. Another important feature of these works is the water column washer, which is furnished with a spray, through which the gas passes on its way to the holder. By the use of this, all particles of dry carbon are taken out of the gas. The vaporizer and washer, combined, make the works perfectly safe as no stoppages and the resultant explosions can ever occur.

The gasometer will hold 1,900 feet of gas, estimated to equal, in candle power, 9,500 feet of coal gas.

The building, 38 x 30 and 13 feet high, with tinned roof, covering the gasometer and other necessary apparatus for manufacturing gas, and storing coke for fuel, is of stone, similar to the other buildings, and lined with brick, with dead-air space, making it nearly frost-proof; but as the works are not in daily use, two steam coils, for heating, when necessary, have been put in.

I have thus described this apparatus and the process of making gas at some length, as it is comparatively of recent date and, its success now assured, is of considerable interest to parties outside our own neighborhood. We have not been using this light long enough to state its cost accurately, but estimate the expense of oil, fuel and labor not to exceed three dollars per day, throughout the year, for three hundred burners.

Some other improvements of less cost but of great convenience have been made, perfecting the arrangements for water supply, cooking, and store-rooms. For the first, the reservoir, at the spring, has been enlarged to double its former capacity, and a new steam force pump procured, as an extra, to guard against accidents. The water supply for an institution of this character and number of inmates, is too important to risk a failure, even for a single day, if it can be possibly avoided. The range, for the kitchen, that had been in use since the opening of the house, being now too small, it was removed to the temporary hospital, and its place supplied with one of larger size. For storing supplies, the basement of the west side of the south wing first hall, has been prepared by plastering the ceilings and walls and flagging the floor with stone laid in cement. It is convenient of access, directly from the kitchen, and from the outside, through a door, for heavy packages.

Grading about the building has been continued as the farm help and teams could be spared from other work, and a variety of shade, fruit and ornamental trees set out.

The appropriation for current funds, last year, was based on the estimate of four dollars per week for *each patient*, and this amount was intended to meet all expenses for board of *patients* and *attendants* (this year the latter numbering sixty-six,) all clothing necessary for patients, building and furniture, fuel and light, medical supplies, all necessary *repairs*, and some extraordinary expenses for improvements, officers' salaries and support, and wages of attendants, and it has been sufficient and something to spare, as the treasurer's accounts will show. If allowance is made for the same increase of

patients this year, the daily average will be 461, and at the rate of \$3.75 per week, a reduction of twenty-five cents per week, for each, from last year's estimate, \$89,855 will be required. This amount, with the usual economy of expenditure, may be sufficient; should it, however, prove otherwise, the balance of cost at the end of the fiscal year will be reduced and known in time for relief by the following legislature.

Farm.—This has been conducted as formerly, and although the locusts damaged the early vegetables, corn and other plants to a considerable extent, still the crops, as a whole, exceed in value those of any previous year. The care of stock, and the variety of labor furnished for the convalescing patients by the cultivation of a farm, gives opportunity for healthful exercise and recreation for which a substitute is not easily found—975 days' labor have been performed by patients and farm hands in addition to the regular farm work, in grading, making and repairing roads, and excavating trenches for sewers and foundation for gas-house and area walls.

Occupation is also furnished, as far as possible, for the female patients: assisting in the kitchen, laundry and sewing room, and general house work in the halls. The following is a list of the new articles made in the sewing rooms. The repairing, the largest item of needle work, is done mostly in the female wards by patients and attendants of which no account is kept:

Aprons.....	58
Bed Spreads.....	50
Carpet Mats Bound.....	30
Chemises.....	802
Clothes Bags.....	32
Cupboard Shelf Covers.....	200
Drawers, Pairs.....	118
Dresses.....	347
Handkerchiefs.....	162
Holders.....	42
Ladies' Hats, Trimmed.....	41
Mittens, Pairs.....	12
Mattress Ticks.....	4
Napkins.....	12
Night Dresses.....	9
Night Caps.....	10
Pants.....	10
Pillow Cases.....	473
Pillow Ticks.....	207
Sheets.....	882

Skirts.....	509
Shrouds.....	22
Socks Footed, Pairs.....	12
Socks Knitted, Pairs.....	24
Shirts.....	100
Straw Ticks.....	196
Suspenders, Pairs.....	22
Towels.....	828
Vests.....	2
Window Curtains.....	22
Wrappers.....	158
	<hr/>
	4,920

Religious services have been conducted every Sabbath afternoon, in the chapel, by the several clergymen of St. Peter, and two evenings every week entertainments have been given by lectures, readings and singing, and magic lantern exhibitions; a fair proportion of the inmates are regular and attentive listeners to these exercises, even slight disturbances are exceptional.

We are under great obligations to the publishers of the following papers sent gratuitously to the hospital. The list has been much enlarged, this year, through the efforts of one of your Board, the Hon. F. Talbot, and to him we are indebted for procuring all the Canada papers and part of those from this State:

St. Paul Pioneer-Press, daily.
 Minneapolis Tribune, daily.
 Northwestern Chronicle, weekly.
 Minnesota Staats-Zeitung, weekly.
 Minnesota Folksblatt, weekly.
 Nordisk Folkeblad, weekly.
 Redwood Falls Gazette, weekly.
 Renville Times, weekly.
 Minnesota Radical, weekly.
 Stillwater Gazette, weekly.
 Budstikken, (Norwegian) Minneapolis, weekly.
 New Ulm Herald, weekly.
 Svenska Nybyggaren, St. Paul, weekly.
 Wabasha Herald, weekly.
 St. Cloud Press, weekly.
 Rice County Journal, weekly.
 Minnesota Beobachter, weekly.
 Skandinaven, Chicago, weekly.
 Wallaceburg Western Advocate, Canada, weekly.

Parkhill Gazette, Canada, weekly.
St. Thomas Weekly Dispatch, Canada, weekly.
The Nation, (Toronto) Canada, weekly.
St. Mary's Argus, Canada, weekly.
Western Advertiser, (London) Canada, weekly.
Canadian Home Journal, (St. Thomas) Canada, weekly.
Otterville Argus, Canada, weekly.
London Weekly Herald, Canada, weekly.
Orillia Packett, Canada, weekly.
Strathroy Age, Canada, weekly.
Wallacetown Gazette, Canada, weekly.
Hamilton Daily Spectator, Canada, daily.
St. Cloud Journal, weekly.
Freeborn County Standard, weekly.
Mantorville Express, weekly.
Anoka County Republican, weekly
Hastings Gazette, weekly.
Glencoe Register, weekly.
Lake City Leader, weekly.
Jackson Republic, weekly.
Litchfield News Ledger, weekly.
Austin Register, weekly.
Sibley County Independent, weekly.
Henderson Times, weekly.
St. Peter Tribune, weekly.
St. Peter Commercial Advertiser, weekly.
Windom Reporter, weekly.

Donations from individuals are also gratefully acknowledged as follows:

From Rev. A. H. Kerr, of St. Peter, papers and pamphlets.

From Rev. Edward Livermore, of St. Peter, one lecture and papers and pamphlets.

From Mrs. Henry C. Swift, of St Peter, books, and papers and pamphlets.

From Mrs. Henry Jones, of St. Peter, papers, weekly.

From Mrs. Loren Fletcher, of Minneapolis, a collection of magazines and illustrated papers.

From C. M. Loring, Esq., of Minneapolis, a fine collection of plants and bulbs for the halls.

From Mr. Atwater, Mrs. C. M. Loring and Mr. Crossman, of Minneapolis, each a canary bird.

From J. S. Pierson, Esq., of New York City, 60 stereoscopic views, and 58 volumes books, also magazines, papers and pictures.

From J. K. Moore, of St. Peter, several pictures.

From the Andrews Troupe, an excellent concert.

From the children and adults' singing classes of St. Peter, one concert each, under the direction of Messrs. Smith and Johnson.

These were very much enjoyed by the patients.

Hon. F. Talbot has favored us with several readings, and Miss Grace L. White, of St. Paul, one. Rev. M. D. Terwilliger and Rev. J. H. Röhrer, of St. Peter, have lectured one evening each. All these were highly interesting and acceptable.

In addition to the regular meetings of your Board, the hospital has been visited monthly, and sometimes more, by one member, usually accompanied by some gentleman, by invitation. These special inspectors have made reports in writing which are before you. Among these is one from Dr. A. Reynolds, Superintendent of the Hospital for Insane, at Independence, Iowa, to which I allude, as he is the only superintendent that has visited us since my connection with the institution.

No change has occurred in the staff of officers, and to them, and all those associated with me in the labor of conducting this institution, I desire to express my thanks for their cheerful and hearty co-operation.

Again thanking you for your unwearied interest in the hospital and its inmates, I congratulate you in view of the near completion of those extensive buildings, and the consequent release from a portion of your official labor.

Respectfully submitted,

CYRUS K. BARTLETT,
Superintendent.

Dec. 1st, 1875.

APPENDIX.

TABLE I.

MOVEMENT OF THE POPULATION.

	Men	Women	Total.
Number at beginning of the year.....	208	173	381
Admitted during the year.....	106	82	188
Total present in the year.....	314	255	569
Discharged, recovered.....	86	30	116
Discharged, improved.....	20	16	36
Discharged, stationary.....	3	3	6
Died.....	16	11	27
Daily average.....			413 ²⁴⁷ ₂₆₅
Remaining at end of year.....	239	195	434

TABLE II.

ADMISSIONS AND DISCHARGES FROM THE BEGINNING OF THE HOSPITAL.

	Men.	Women.	Total.
Admitted since opening.....	686	530	1,196
Discharged, recovered.....	203	160	363
Discharged, improved.....	101	92	193
Discharged, stationary.....	16	16	32
Not proper subjects.....	3	2	5
Died.....	104	65	169
Remaining at end of year.....	239	195	434

TABLE III.

CIVIL CONDITION OF THOSE ADMITTED.

	DURING THE YEAR.			SINCE OPENING HOSPITAL.		
	Men.	Women.	Total.	Men.	Women.	Total.
Single.....	69	22	91	426	155	581
Married.	33	52	85	200	317	517
Widowed.....	3	8	11	24	52	76
Divorced.....	1	0	1	5	6	11
Unknown.....	0	0	0	11	0	11
Total.....	106	82	188	666	430	1,196

TABLE IV.

NUMBER AT EACH AGE WHEN ADMITTED DURING THE YEAR.

	WHEN ADMITTED.			WHEN ATTACKED.		
	Men.	Women.	Total.	Men.	Women.	Total.
Under 15.....	3	2	5	6	7	13
15 to 20.....	4	7	11	6	4	10
20 to 25.....	21	5	26	22	9	31
25 to 30.....	12	8	20	14	16	30
30 to 35.....	18	17	35	11	14	25
35 to 40.....	15	12	27	16	9	25
40 to 45.....	9	12	21	6	10	16
45 to 50.....	9	4	13	12	5	17
50 to 60.....	12	10	22	4	6	10
60 to 70.....	2	2	4	1	1	2
70 to 80.....	0	3	3	0	0	0
Unknown.....	1	0	1	8	1	9
Total.....	106	82	188	106	82	188

TABLE V.
OCCUPATION OF THOSE ADMITTED.

	During the Year.	Since Opening.
Farmers and farmers' sons.....	46	250
Laborers.....	24	186
Housekeepers.....	51	843
Housework (domestics).....	10	92
Painters.....	1	7
Tailors.....		4
Carpenters.....	2	19
Seamstresses.....	1	10
Teachers.....	4	12
Clockmakers.....		2
Lumbermen.....	2	4
Butchers.....		1
Printers.....	2	7
Bakers.....		3
Cabinet Makers.....		2
School Children.....	1	7
Bookkeepers.....	1	2
Students.....		6
Mechanics.....	1	14
Brickmakers.....		1
Blacksmiths.....	1	10
Bank Clerks.....		2
Shoemakers.....		9
Merchants.....	2	14
Masons.....	1	5
Harnessmakers.....		3
Gardeners.....	1	8
Cooks.....		2
Weavers.....	1	2
Real Estate Agents.....		1
Confectioner.....		1
Music Teachers.....		2
Teamsters.....	1	5
Boiler Maker.....		1
Miller.....		1
Cigar Maker.....		1
Clerks.....	2	3
Hunter and Trapper.....		1
Druggist.....		1
Barber.....		1
Hotel Keepers.....	1	3
Coopers.....		1
Liverymen.....		1
Stenographer.....		1
Clergymen.....		1
Stavemaker.....		1
Locksmith.....	1	1
Stone Cutter.....	1	1
Barkeeper.....	1	1
Peddler.....	1	1
Nurseryman.....	1	1
Dentist.....	1	1
Physicians.....	2	2
Section Boss.....	1	2
No Occupation.....	23	138
	188	1,196

TABLE VI.

NATIVITY OF PATIENTS ADMITTED.

	DURING THE YEAR.			SINCE OPENING HOSPITAL.		
	Men.	Women.	Total.	Men.	Women.	Total.
New York	11	9	20	65	62	127
Maine	4	1	5	25	15	40
Connecticut	1	0	1	6	1	7
Massachusetts	1	0	1	12	6	18
Pennsylvania	2	3	5	18	15	33
New Hampshire	2	2	4	6	5	11
Rhode Island	0	0	0	1	2	3
Virginia	0	0	0	5	5	10
New Jersey	1	0	1	4	3	7
Vermont	1	1	2	10	15	25
Illinois	1	2	3	7	14	21
Ohio	4	3	7	19	15	34
Iowa	0	0	0	1	2	3
Wisconsin	5	5	10	19	13	32
Indiana	3	2	5	10	12	22
Carollinas	0	1	1	4	2	6
Kentucky	0	0	0	3	2	5
Maryland	0	0	0	1	0	1
Missouri	1	0	1	1	2	3
Louisiana	0	0	0	1	0	1
Minnesota	3	1	4	13	7	20
Tennessee	0	1	1	0	1	1
Total native born..	40	31	71	231	199	430
Ireland	9	13	22	73	78	151
Germany	13	11	24	93	70	163
Norway	10	12	22	75	69	144
Sweden	11	3	14	64	28	92
Dominion of Canada.	11	4	15	41	19	60
Great Britain	4	2	6	25	14	39
Prussia	0	1	1	12	21	33
Bohemia	1	1	2	5	9	14
Switzerland	0	2	2	7	7	14
Denmark	1	0	1	9	1	10
France	0	1	1	2	2	4
Poland	1	0	1	1	0	1
Holland	2	0	2	2	0	2
Russia	1	0	1	1	0	1
Unknown	2	1	3	25	13	38
Total Foreign	66	51	117	435	331	766

OF THE PATIENTS COMMITTED TO THE HOSPITAL THERE ARE:

Native Born	40	31	71	231	199	430
Foreign Born	66	51	117	435	331	766
Total	106	82	188	666	530	1,196

TABLE VII.

SHOWING THE NUMBER FROM EACH COUNTY.

COUNTIES.	Now Remaining in Hos.			Since Opening Hospital.		
	Men.	Women	Total.	Men.	Women	Total.
Anoka.....	2	2	4	5	7	12
Becker.....	1	1	2	3	.....	3
Benton.....	2	1	3	3	2	5
Blue Earth.....	7	6	13	22	15	37
Brown.....	4	7	11	11	15	26
Carlton.....	.....	.....	.....	1	.....	1
Carver.....	2	5	8	6	15	21
Chippewa.....	.....	.....	.....	1	.....	1
Chisago.....	3	2	5	7	2	9
Clay.....	2	.....	2	2	.....	2
Cottonwood.....	1	.....	1	2	1	3
Crow Wing.....	.....	.....	.....	2	.....	2
Dakota.....	9	7	16	29	20	49
Dodge.....	4	4	8	8	13	21
Douglas.....	1	2	3	5	5	10
Faribault.....	7	2	9	14	5	19
Fillmore.....	10	13	23	31	30	61
Freeborn.....	4	1	5	8	6	14
Goodhue.....	11	11	22	39	29	68
Grant.....	.....	.....	.....	.....	1	1
Hennepin.....	23	13	36	82	36	118
Houston.....	4	7	11	14	7	21
Isanti.....	3	1	4	5	4	9
Jackson.....	.....	1	1	2	2	4
Kanabec.....	1	.....	1	1	.....	1
Kandiyohi.....	5	.....	5	6	2	8
Lake.....	.....	.....	.....	1	.....	1
Le Sueur.....	5	6	11	19	26	45
Legislature.....	2	.....	2	2	.....	2
Lyon.....	.....	1	1	1	2	3
McLeod.....	1	4	5	5	11	16
Martin.....	1	1	2	3	2	5
Meeker.....	3	.....	3	6	.....	6
Millie Lacs.....	1	1	2	4	1	5
Morrison.....	1	.....	1	3	.....	3
Mower.....	.....	5	5	6	9	15
Nicollet.....	15	2	17	36	14	50
Nobles.....	1	.....	1	1	.....	1
Olmsted.....	5	4	9	24	18	42
Otter Tail.....	5	6	11	5	7	12
Pine.....	1	.....	1	2	.....	2
Pope.....	.....	1	1	2	3	5
Ramsey.....	21	35	56	78	77	155
Redwood.....	.....	.....	.....	.....	2	2
Renville.....	.....	1	1	3	5	8
Rice.....	12	5	17	25	13	38
St. Louis.....	3	4	7	4	4	8
Scott.....	2	3	5	9	13	22
Sherburne.....	.....	.....	.....	1	.....	1
Sibley.....	5	1	6	8	9	17
Stearns.....	9	1	10	17	6	23
Stevens.....	1	.....	1	2	1	3
Steele.....	1	4	5	9	13	22
Swift.....	1	.....	1	1	.....	1
Todd.....	2	.....	2	2	1	3
Wabasha.....	4	4	8	9	8	17
Waseca.....	.....	5	5	4	10	14
Washington.....	9	2	11	28	9	37
Watsonwan.....	2	1	3	3	5	8
Wagona.....	9	9	18	27	31	58
Wright.....	5	8	13	11	8	19
Yellow Medicine.....	1	.....	1	1	.....	1
Dakota Territory.....	4	1	5	5	1	6
Total.....	239	195	434	665	530	1,195

TABLE VIII.

ALLEGED CAUSES OF INSANITY.

	During the Year.			Since Opening Hospital.		
	Men.	Women	Total.	Men.	Women	Total.
General ill health	5	4	9	48	64	112
Ill health from overwork, &c.	11	12	23	27	30	57
Intemperance	11	11	22	55	2	57
Domestic trouble	3	5	8	24	89	63
Pecuniary difficulties	4	4	8	25	2	27
Disappointed affection	3	1	4	19	6	25
Epilepsy	7	3	10	89	29	68
Masturbation	8	2	10	52	8	60
Puerperal	8	8	16	42	42	84
Climacteric Change	1	1	2	11	11	22
Menstrual irregularities	1	1	2	12	12	24
Disappointed ambition	2	2	4	8	5	13
Religious excitement	8	4	12	34	21	55
Political excitement	1	1	2	2	2	4
Coup de Soliel	1	1	2	14	4	18
Injury to head	5	5	10	25	5	30
Fright	1	1	2	6	6	12
Apoplexy	1	1	2	1	1	2
Exposure	1	1	2	10	10	20
Typhoid fever	2	1	3	5	7	12
Death of Child	1	1	2	10	10	20
Death of Wife	1	1	2	5	5	10
Death of Husband	1	1	2	10	10	20
Excessive use of tobacco	1	1	2	2	1	3
Loss of property	1	2	3	8	1	9
Grief	1	2	3	3	7	10
Desertion by Husband	1	1	2	3	3	6
Desertion by wife	1	1	2	1	2	3
Opium habit	1	1	2	1	1	2
Exhaustion from travel	1	1	2	1	1	2
Consulting fortune teller	1	1	2	2	2	4
Spiritualism	1	1	2	2	2	4
Prolonged lactation	1	1	2	3	3	6
Erotomania	1	1	2	1	1	2
Malicious disposition	3	3	6	10	2	12
Meningitis	1	5	6	5	8	13
Hereditary	1	5	6	1	8	9
Excessive Study	1	1	2	1	1	2
Fright from lightning	1	1	2	1	1	2
Murder done at his house	1	1	2	1	1	2
Paresis	2	1	3	4	4	8
Paralysis	1	1	2	2	2	4
Hysteria	1	5	6	5	10	15
Nostalgia	4	2	6	8	4	12
Senility	4	1	5	1	2	3
Congenital	6	8	14	8	12	20
Poverty and abuse	1	1	2	1	1	2
Previous attacks	1	1	2	1	1	2
Remorse	1	1	2	1	1	2
Simulation	1	1	2	1	1	2
Money	1	1	2	1	1	2
Imprisonment	1	1	2	1	1	2
"Excitement of a Wake"	1	1	2	1	1	2
Approaching matrimony	1	1	2	1	1	2
Jealousy	1	1	2	1	1	2
Watching sick child	1	1	2	1	1	2
Solitary life	1	1	2	1	1	2
Sea voyage	1	1	2	1	1	2
No history of causation	10	7	17	205	189	394
	106	82	188	666	580	1,196

TABLE IX.

SHOWING THE FORM OF MENTAL DISEASE.

	DURING THE YEAR.			SINCE OPENING HOSPITAL.		
	Men.	Women.	Total.	Men.	Women.	Total.
Acute Mania	41	22	63	231	148	379
Chronic Mania	28	20	48	137	123	260
Epileptic Mania.....	6	3	9	34	23	57
Paralytic Mania.....	1	1	2	10	4	14
Puerperal Mania.....	0	8	8	0	25	25
Periodical Mania.....	1	1	2	35	14	49
Nymphomania.....	0	3	3	0	10	10
Monomania.....	1	1	2	9	6	15
Melancholia.....	22	11	33	122	97	219
Dementia.....	2	4	6	65	53	118
Senile dementia.....	0	5	5	7	17	24
Idiots and imbecile..	4	3	7	13	8	21
Not proper subjects..	0	0	0	3	2	5
Total.....	106	82	188	666	530	1,196

TABLE X.

SHOWING THE NUMBER OF ATTACKS IN THOSE ADMITTED.

	DURING THE YEAR.			SINCE OPENING HOSPITAL.		
	Men.	Women.	Total.	Men.	Women.	Total.
First.....	79	60	139	425	375	800
Second.....	13	11	24	75	60	135
Third.....	5	9	14	23	17	40
Fourth.....	0	0	0	7	5	12
Fifth.....	0	1	1	4	4	8
Sixth.....	0	0	0	2	3	5
Not Subjects.....	0	0	0	3	2	5
Unknown.....	9	1	10	127	64	191
Total.....	106	82	188	666	530	1,196

TABLE XI.

DURATION OF INSANITY BEFORE ADMISSION.

	DURING THE YEAR.			SINCE OPENING HOSPITAL.		
	Men.	Women.	Total.	Men.	Women.	Total.
Under 1 week	11	3	14	22	6	28
Under 1 month	12	10	22	113	78	191
1 to 3 months	26	20	46	87	80	167
3 to 6 months	8	8	16	63	53	116
6 to 9 months	1	4	5	38	25	63
9 to 12 months	3	1	4	12	14	32
12 to 18 months	9	1	10	39	18	57
18 to 2 years	2	1	3	19	8	27
2 to 3 years	8	4	12	38	35	73
3 to 4 years	2	7	9	32	27	59
4 to 5 years	1	7	8	14	26	40
5 to 10 years	6	7	13	37	47	84
10 to 15 years	3	1	4	21	30	51
15 to 20 years	1	1	2	7	11	18
20 to 25 years	1	1	2	6	10	16
25 to 30	0	0	0	3	0	3
30 and over	0	1	1	2	6	8
Not Subjects	0	0	0	3	2	5
Idiots and imbecile..	4	3	7	4	3	7
Unknown	8	2	10	100	51	151
Total	106	82	188	666	530	1,196

TABLE XII.

NUMBER OF DEATHS AND THEIR CAUSES.

	During the Year.			Since Opening Hos.		
	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.
Marasmus	3	2	5	22	16	38
rhthisis	2	.....	2	12	5	17
Exhaustion from Mania	1	2	3	11	9	20
Paralysis	1	1	2	5	6	11
Epilepsy	4	4	8	18	9	27
Apoplexy	1	.....	1	5	1	6
Erysipelas .....	.....	.....	.....	3	1	4
Typhoid fever .....	.....	.....	.....	2	3	5
Typhomania .....	.....	1	1	4	2	6
Pneumonia	1	1	2	3	2	5
Diarrhœa .....	.....	.....	.....	1	.....	1
Old age .....	.....	.....	.....	1	5	6
Gangrene .....	.....	.....	.....	.....	1	1
Abscess of brain .....	.....	.....	.....	.....	1	1
Assault by patient .....	.....	.....	.....	1	.....	1
Death by drowning .....	.....	.....	.....	.....	1	1
Cancer of stomach .....	.....	.....	.....	1	.....	1
Variola .....	.....	.....	.....	4	.....	4
Anasarca .....	.....	.....	.....	2	.....	2
Bright's disease .....	.....	.....	.....	.....	1	1
Paresis	1	.....	1	5	.....	5
Cholera Morbus .....	.....	.....	.....	1	.....	1
Scrofulosis .....	.....	.....	.....	1	.....	1
Exhaustion from Melancholia .....	.....	.....	.....	.....	1	1
Acute Enteritis .....	.....	.....	.....	.....	1	1
Suicide by strangulation	1	.....	1	1	.....	1
Accidental hemorrhage	1	.....	1	1	.....	1
Total	16	11	27	104	65	169

TABLE XIII.

AGES AT DEATH.

	DURING THE YEAR.			SINCE OPENING HOSPITAL.		
	Men.	Women.	Total.	Men.	Women.	Total.
Under 15 years.....	0	0	0	2	0	2
15 to 20.....	0	0	0	5	4	9
20 to 25.....	2	0	2	12	6	18
25 to 30.....	2	2	4	17	9	26
30 to 35.....	3	5	8	13	9	22
35 to 40.....	2	1	3	10	9	19
40 to 45.....	1	1	2	10	6	16
45 to 50.....	3	0	3	11	3	14
50 to 60.....	0	2	2	11	10	21
60 to 70.....	0	0	0	6	5	11
70 to 80.....	3	0	3	5	3	8
80 to 90.....	0	0	0	2	1	3
Total.....	16	11	27	104	65	169

TABLE XIV.

SHOWING NUMBER OF ADMISSIONS EACH MONTH.

	1874.			1875.		
	Men.	Women.	Total.	Men.	Women.	Total.
December.....	9	5	14	12	5	17
January.....	14	2	16	6	5	11
February.....	5	6	11	3	3	6
March.....	5	3	8	17	5	22
April.....	10	6	16	10	10	20
May.....	7	8	15	12	7	19
June.....	13	12	25	9	10	19
July.....	14	6	20	9	8	17
August.....	12	4	16	7	7	14
September.....	8	9	17	7	8	15
October.....	9	7	16	8	7	15
November.....	13	7	20	6	7	13
Total.....	119	75	194	106	82	188